### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Cotogony	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Operations & Maintenance				٥		0
пеш	Manuals				٥		0
DWR ID	DWR_RD2	091_01_s _ 201	3_2				
		Comn	nent Cod	le			
		Inspecto	or Comm	nent			
The LMA has copy of O & M manual on file at district office.							

No Photos

		D-4: **	Δ.	Innua Na			
LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Emergency Supplies &				0		0
пеш	Equipment				0		0
DWR ID	DWR_RD2	091_01_s _ 201	3_4				
		Comn	nent Cod	de			
	Inspector Comment						
The LMA maintains adequate flood fight supplies and equipment.							

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Flood Pre	paredness &	Training		0		0
пеш					٥		0
DWR ID	DWR_RD2	091_01_s _ 201	3_5				
		Comn	nent Coc	le			
	Inspector Comment						
		a good workin en involved in			d res	sponse	

No Photos

Rating \*\* Issue No. 0.00 19 LM Start LM End 7.45 Issue Type + Location \* LS Earthen Levee GPS Latitude/Longitude Category End Start Vegetation 37.541456° 37.478927° Item -121.092793 ° -121.044666

DWR ID DWR\_RD2091\_01\_s \_ 2018\_19

### Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	0.00	Rating **	М	Issue No.		27	
LM End	7.45	Issue Type +	Ma	Location *		WS	
Earthen Levee			GPS Lat	itud	e/Longitude		
Category				Start		End	
Item	Vegetatio	n		37.54145	6°	37.478927	0
пеш	em				3°	-121.044666	0
DWR ID	DWR ID DWR_RD2091_01_s _ 2018_27						
	Comment Code						

V1 : Control annual grass and weeds on the levee slopes and easements

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.08	Rating **	М	Issue No.		45
LM End	0.08	Issue Type +	Ma	Location *		
Category	Suppleme	ental		GPS La	atituc	de/Longitude
Calegory				Start		End
Item	DWR UC	IP LMA Respo	onsibility	37.5419	70°	37.541970°
пеш				-121.0939	80°	-121.093980 °
DWR ID						

### Comment Code

#### Inspector Comment

FS\_ID:43207 DS\_ID:23155 EP\_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Appears abandoned and if so should be done so properly

FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 7.2 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.07), Drawing No. 07-

04-1555, Sheets 1555/17 and 1555/55, (Station 906+85)]. FS Date: 1/29/2015 2:26:31 PM

LM Start	80.0	Rating **	М	Issue No.	45 (cont)
LM End	0.08	Issue Type +	Ma	Location *	

# Photo 1 of 3: UCIP\_SP\_2018\_43207\_38148.jpg



Slide gate in 36-inch CMP riser on WS toe.

#### Photo 2 of 3: UCIP\_SP\_2018\_43207\_38147.jpg



Slide gate in 36-inch CMP riser on WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.08	Rating **	М	Issue No.	45 (cont)	
LM End	0.08	Issue Type +	Ма	Location *		
Supplemental			GPS Latitude/Longitude			
Calegory			Start		End	
Item	DWR UC	IP LMA Respo	onsibility	37.54197	70°	37.541970°
пеш				-121.09398	30°	-121.093980 °
DWR ID	WR ID					
	Comment Code					

Inspector Comment

FS\_ID:43207 DS ID:23155 EP\_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Appears abandoned and if so should be done so

properly.

FIELD STRUCT DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 7.2 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.07), Drawing No. 07-04-1555, Sheets 1555/17 and 1555/55, (Station 906+85)].

FS Date: 1/29/2015 2:26:31 PM



CMP stormdrain at outlet off WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.10	Rating **	U	Issue No.		46
LM End	0.10	Issue Type +	Ma	Location *		
Category	Suppleme	ental		GPS La	tituc	le/Longitude
Calegory	Calegory					End
Item	DWR UC	DWR UCIP LMA Responsibility			30°	37.542030 °
пеш				-121.09437	70°	-121.094370 °
DWR ID						

### Comment Code

### Inspector Comment

FS\_ID:51387 DS\_ID:23156 EP\_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 11/18/2016 Same as last inspection this is a nonfunctional crossing with no visible inlet on LS or outlet on WS. The only appurtenance found at this location is a CMP riser with a missing cover located on the WS. This crossing remains Urgent since the pipe on the WS may still be openned. According to Mike Alves, this crossing is abandoned and the City of Modesto is working with CVFPB to authorize proper abandonment/removal. The City is working at finding funds to pay for proper abandonment/removal of all the drainage structures through this levee. (O. Magana - DWR UCIP)01/29/2015 Pipe open on WS and slide gate has been removed. Appears abandoned and should be done so properly. (M. Alves - City of Modesto) FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser located on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.10), Drawing No. 07-04-1555, Sheets 1555/17 and 1555/55, (Station 907+55)]. FS Date: 11/18/2016

LM Start	0.10	Rating **	U	Issue No.	46 (cont)
I M End	0.10	Issue Type +	Ma	Location *	



36-inch CMP riser on WS slope.



Slide gate missing from open end of pipe at WS slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.10	Rating **	U	Issue No.		46 (cont)
LM End	0.10	Issue Type +	Ма	Location *		
Category	Suppleme	ental		GPS La	titud	le/Longitude
Calegory	Calegory					End
Item	DWR UC	DWR UCIP LMA Responsibility			80°	37.542030 °
пеш				-121.09437	'0	-121.094370 °
DWR ID						

## Inspector Comment

Comment Code

FS\_ID:51387 DS\_ID:23156 EP\_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 11/18/2016 Same as last inspection this is a nonfunctional crossing with no visible inlet on LS or outlet on WS. The only appurtenance found at this location is a CMP riser with a missing cover located on the WS. This crossing remains Urgent since the pipe on the WS may still be openned. According to Mike Alves, this crossing is abandoned and the City of Modesto is working with CVFPB to authorize proper abandonment/removal. The City is working at finding funds to pay for proper abandonment/removal of all the drainage structures through this levee. (O. Magana - DWR UCIP)01/29/2015 Pipe open on WS and slide gate has been removed. Appears abandoned and should be done so properly. (M. Alves - City of Modesto) FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser located on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.10), Drawing No. 07-04-1555, Sheets 1555/17 and 1555/55, (Station 907+55)]. FS Date: 11/18/2016



Overview of levee crown at pipe crossing.

LM Start	0.23	Rating **	М	Issue No.		15		
LM End	0.23	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	Calegory					End		
Item	Erosion /	Bank Caving		37.54155	o°	37.541550 °		
item		-121.09674	2°	-121.096742 °				
DWR ID	DWR_RD2	091_01_s _ 201	6_15					

### Comment Code

E1: Note and monitor erosion site.

#### Inspector Comment

Caving on landward shoulder possible collapsed pipe. Caving is 34 feet long over one inch depth.

#### Photo 1 of 2 : SP\_2018\_RD2091\_318\_15\_20180307\_00015.jpg



Looking southwest at the dip on the landside shoulder.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.23	Rating **	М	Issue No.		15 (cont)	
LM End	0.23	Issue Type +	Ма	Location *	LS		
Catagonia Earthen Levee			GPS Latitude/Longitude				
Calegory	Category					End	
Item	Erosion /	Bank Caving		37.5415	50°	37.541550°	
пеш				-121.0967	42 °	-121.096742 °	
DWR ID DWR_RD2091_01_s _ 2016_15							
	Comment Code						

#### Comme

E1: Note and monitor erosion site.

#### Inspector Comment

Caving on landward shoulder possible collapsed pipe. Caving is 34 feet long over one inch depth.



Looking northeast at the dip in the landside shoulder.

LM Start	0.24	Rating **	U	Issue No.		47	
LM End	0.24	Issue Type +	Ma	Location *			
Supplemental			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	DWR UC	IP LMA Respo	onsibility	37.5415	64°	37.541564°	
item			-121.096792 °		-121.096792 °		
DWR ID							

### Comment Code

#### Inspector Comment

FS\_ID:51388 DS\_ID:23158 EP\_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 11/18/2016 Same as last inspection. This crossing remains Urgent due to the flap gate still missing from the WS toe. According to Mike A. this crossing is an abandoned line and the City of Modesto is working with CVFPB to authorize proper

abandonment/removal. The City is working at finding funds to pay for proper abandonment/removal of all the drainage structures through this levee. (O. Magana - DWR UCIP)01/29/2015 Flap gate has fallen off at WS toe. Appears abandoned and if so should be done so properly. (M. Alves - City of Modesto)

FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Drain opening is located approximately 15 feet off the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.23), Drawing No. 07-04-1555, Sheets 1555/17 and 1555/55, (Station 915+00)].

FS Date: 11/18/2016

### Photo 1 of 3: UCIP\_SP\_2018\_51388\_38156.jpg



Pipe visible in canal on WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.24	Rating **	U	Issue No.	47 (cont)		
LM End	0.24	Issue Type +	Ма	Location *			
Category			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	DWR UC	IP LMA Respo	onsibility	37.5415	64 °	37.541564°	
пеш				-121.0967	92 °	-121.096792 °	
DWR ID							
Comment Code							

#### Inspector Comment

FS\_ID:51388 DS\_ID:23158 EP\_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 11/18/2016 Same as last inspection. This crossing remains Urgent due to the flap gate still missing from the WS toe. According to Mike A. this crossing is an abandoned line and the City of Modesto is working with CVFPB to authorize proper

abandonment/removal. The City is working at finding funds to pay for proper abandonment/removal of all the drainage structures through this levee. (O. Magana - DWR UCIP)01/29/2015 Flap gate has fallen off at WS toe. Appears abandoned and if so should be done so properly. (M. Alves - City of Modesto)

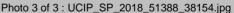
FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Drain opening is located approximately 15 feet off the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.23), Drawing No. 07-04-1555, Sheets 1555/17 and 1555/55, (Station 915+00)].

FS Date: 11/18/2016

LM Start	0.24	Rating **	U	Issue No.	47 (cont)
LM End	0.24	Issue Type +	Ma	Location *	



Flapgate has fallen off at WS toe.





Concrete headwall under pipe at WS toe.

Location Rating Issue Type Ma: Maintenance Deficiancy LS: Land Side N/A: Not Applicable N: Not Inspected/Rated : Acceptable Minimally Acceptable Ob: Design & System Obsolescence WS: Water Side C: Corrected CR: Crown U: Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.25	Rating **	M	Issue No.		16	
LM End	0.28	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion /	Bank Caving		37.5414	92°	37.541408°	
					-121.097453°		
DWR ID DWR_RD2091_01_s _ 2016_16							
		Comn	nent Cod	le			
E1 : Note a	and monito	or erosion site	•				
		Inspecto	or Comm	nent			
Several sites of rill erosion and possible rodent holes along landward shoulder and slope.							

LM Start	0.25	Rating **	М	Issue No.	16 (cont)
LM End	0.28	Issue Type +	Ma	Location *	LS



Looking northwest at rill erosion on landside slope.

#### Photo 2 of 2: SP\_2018\_RD2091\_318\_16\_20180307\_00018.jpg



Looking east at rill erosion above rodent hole on landward slope. (Spring 2017)

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.63	<b>0.63</b> Rating ** M		Issue No.		48
LM End	0.63	Issue Type +	Ма	Location *		
Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	37.54122	o°	37.541220 °
пеш				-121.10388	o°	-121.103880 °
DWR ID						

## Inspector Comment

Comment Code

FS\_ID:51639 DS\_ID:23161 EP\_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 11/18/2016 Crossing has been downgraded from Urgent to Non-Urgent since the flap gate appears to fully close. According to Mike Alvez, this crossing is abandoned and the City of Modesto is working with CVFPB to authorize proper abandonment/removal. The City is working at finding funds to pay for proper abandonment/removal of all the drainage structures through this levee. (O. Magana - DWR UCIP)01/29/2015 Appears abandoned and if so should be done so properly. (M. Alvez - City of Modesto) FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate and concrete headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.64)]. FS Date: 11/18/2016

LM Start	0.63	Rating **	М	Issue No.	48 (cont)
LM End	0.63	Issue Type +	Ma	Location *	



24-inch CMP on concrete headwall with flapgate on WS toe.

### Photo 2 of 3: UCIP\_SP\_2018\_51639\_38157.jpg



24-inch CMP on concrete headwall with flapgate on WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.63	Rating **	М	Issue No.	48 (cont)		
LM End	0.63	Issue Type +	Ма	Location *			
Category			GPS Latitude/Longitude				
Category			Start		End		
Item	DWR UC	IP LMA Respo	onsibility	37.54122	0°	37.541220°	
пеш				-121.10388	0 °	-121.103880 °	
DWR ID							
Comment Code							

#### Inspector Comment

FS\_ID:51639 DS\_ID:23161 EP\_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 11/18/2016 Crossing has been downgraded from Urgent to Non-Urgent since the flap gate appears to fully close. According to Mike Alvez, this crossing is abandoned and the City of Modesto is working with CVFPB to authorize proper abandonment/removal. The City is working at finding funds to pay for proper abandonment/removal of all the drainage structures through this levee. (O. Magana - DWR UCIP)01/29/2015 Appears abandoned and if so should be done so properly. (M. Alvez - City of Modesto) FIELD\_STRUCT\_DESC: \*ABANDONED\* 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate and concrete headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 6, September 1961, (HLM 0.64)]. FS Date: 11/18/2016



View of LS.

Rating

Location

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.94	Rating **	A/W	Issue No.	14	
LM End	6.84	Issue Type +	Ма	Location *		
Category Supplemental			GPS La	titud	le/Longitude	
				Start		End
Item	2017 Stor	m Damage		37.5377	75°	37.482295 °
пеш				-121.1067	30°	-121.051592 °
DWR ID DWR_RD2091_01_f _ 2017_14						
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description: Wave wash damage/erosion of 2 miles ... see attached

description and photos

Site ID No:471

Site Designation:LMA-298

Repair Type: Erosion Rating: Area of Concern

Field Date:7/20/2017

Notes: Low priority because wavewash scarps are less than 1 ft and do not cut into prisim significantly and can be repaired by district through O&M. There is also a large berm here. Wavewash is present on both LS and WS.

LM Start	0.94	Rating **	A/W	Issue No.	14 (cont)
LM End	6.84	Issue Type +	Ma	Location *	



Photo 2 of 3: LEVAL\_SP\_2018\_471\_2338.jpg



+ Issue Type

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	0.94	Rating **	A/W	Issue No.		14 (cont)	
LM End	6.84	Issue Type +	Ма	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start		End	
ltom	2017 Stor	m Damage		37.5377	75°	37.482295 °	
пеш	Item				30°	-121.051592 °	
DWR ID DWR_RD2091_01_f _ 2017_14							
Comment Code							

#### Inspector Comment

Levee Evaluation Comments

Description: Wave wash damage/erosion of 2 miles ... see attached

description and photos

Site ID No:471

Site Designation:LMA-298

Repair Type: Erosion Rating:Area of Concern Field Date:7/20/2017

Notes: Low priority because wavewash scarps are less than 1 ft and do not cut into prisim significantly and can be repaired by district through O&M. There is also a large berm here. Wavewash is present on both LS and WS.



LM Start	1.41	Rating **	A/W	Issue No.		11	
LM End	1.43	Issue Type +	Ma	Location *		WS	
Catagory Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Erosion /	Bank Caving		37.5312	43°	37.530896°	
iteiii		-121.106716 ° -121.106					
DWR ID DWR_RD2091_01_f _ 2017_11							
Comment Code							

#### Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

#### Inspector Comment

Minor erosion on waterside toe.

#### Photo 1 of 1: SP\_2018\_RD2091\_318\_11\_20180307\_00007.jpg



Looking south at erosion on waterside slope.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	1.41	Rating **	A/W	Issue No.	24		
LM End	1.44	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start End			
Item	2017 Stor	m Damage		37.531170°		37.530760 °	
пеш				-121.1067	50°	-121.106710 °	
DWR ID DWR_RD2091_01_f _ 2017_24							
Comment Code							

#### Inspector Comment

Levee Evaluation Comments

Description: Site ID No:132

Site Designation:DWR\_RD2091\_01\_R\_2012\_01

Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: Wavewash erosion up to 12" deep at high water mark.

LM Start	1.41	Rating **	A/W	Issue No.	24 (cont)
LM End	1.44	Issue Type +	Ma	Location *	



Photo 2 of 3: LEVAL\_SP\_2018\_132\_1182.jpg



N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	1.41	Rating **	A/W	Issue No.	24 (cont)	
LM End	1.44	Issue Type +	Ma	Location *		
Supplemental				GPS La	titud	le/Longitude
Calegory			Start		End	
Item	2017 Stor	m Damage		37.5311	70°	37.530760
пеш				-121.1067	50°	-121.106710
DWR ID DWR_RD2091_01_f _ 2017_24						
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description: Site ID No:132

Site Designation:DWR\_RD2091\_01\_R\_2012\_01

Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: Wavewash erosion up to 12" deep at high water mark.



LM Start	2.00	Rating **	A/W	Issue No.		17	
LM End	2.03	Issue Type +	Ма	Location *		LS	
Cotogon Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Vegetatio	n		37.52664	16°	37.526259	0
пеш				-121.0998	10°	-121.099464	0
DWR ID	DWR_RD2	091_01_f _ 201	7_17			`	

### Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

#### Inspector Comment



Looking southeast at the landside slope.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

2.05	Rating **	М	Issue No.		18		
2.06	Issue Type +	Ма	Location *		LS		
Earthen L	evee		GPS La	atitud	e/Longitude		
			Start		End		
Erosion / I	Bank Caving		37.5260	83°	37.525897°		
Item				28°	-121.099116°		
DWR ID DWR_RD2091_01_f _ 2017_18							
	Comn	nent Cod	le				
ule repair	of erosion site	e prior to	the next in	spe	ction.		
	Inspecto	or Comm	nent				
Erosion at the landside toe.							
	2.06 Earthen L Erosion / I DWR_RD2 ule repair	2.06 Issue Type + Earthen Levee Erosion / Bank Caving  DWR_RD2091_01_f_201  Commule repair of erosion site	2.06 Issue Type + Ma  Earthen Levee  Erosion / Bank Caving  DWR_RD2091_01_f_2017_18  Comment Cocule repair of erosion site prior to	2.06 Issue Type + Ma Location *  Earthen Levee GPS L  Start  Erosion / Bank Caving 37.5260  -121.0993  DWR_RD2091_01_f _ 2017_18  Comment Code  ule repair of erosion site prior to the next in	2.06 Issue Type + Ma Location *  Earthen Levee GPS Latitud Start  Erosion / Bank Caving 37.526083 ° -121.099328 °  DWR_RD2091_01_f _ 2017_18 Comment Code  ule repair of erosion site prior to the next inspector Comment		



Looking southeast at erosion on the toe of the landside slope.

LM Start	2.61	Rating **	A/W	Issue No.		20		
LM End	2.64	Issue Type +	Ma	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Calegory			Start End					
Item	Animal Control			37.52010	08°	37.520027 °		
пеш		-121.093147 ° -121.09276						
DWR ID DWR_RD2091_01_s _ 2017_20								
	Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Nο	Photos	:

LM Start	3.90	Rating **	С	Issue No.		21	
LM End	3.90	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Erosion /	Bank Caving		37.5069	02 °	37.506902	٥
пеш				-121.0827	71 °	-121.082771	٥
DWR ID	DWR_RD2	091_01_s _ 201	7_21				
		Comn	nent Coc	de			

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Sinkhole at landward side toe

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	3.91	Rating **	М	Issue No.		30			
LM End	3.95	Issue Type +	Ма	Location *	LS				
Category	evee	GPS La	atitud	le/Longitude					
Calegory				Start		End			
Item	Animal Control			37.5067	53°	37.506251 °			
пеш				-121.0827	48 °	-121.082606°			
DWR ID	DWR_RD2	091_01_f _ 201	7_30						
		Comn	nent Cod	le					
	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.								
	Inspector Comment								



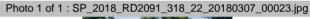
Looking south at landside slope.

LM Start	4.25	Rating **	М	Issue No.		22
LM End	4.25	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start E		
Item	Animal Co	ontrol		37.5019	07°	37.501907 °
item		-121.082123 ° -121.08212				
DWR ID	DWR_RD2	091_01_s _ 201	7_22			

#### Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

#### Inspector Comment





Looking south at rodent activity on landward shoulder and slope.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	4.83	Rating **	A/W	Issue No.		34			
LM End	4.83	Issue Type +	Ma	Location *		WS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Erosion /	Bank Caving		37.4943	96°	37.494396°			
пеш				-121.0783	06°	-121.078306°			
DWR ID	DWR ID DWR_RD2091_01_f _ 2017_34								
		Comn	nent Cod	le					
E1 : Note a	and monito	or erosion site							
		Inspecto	or Comm	nent					

No Photos

LM Start	4.83	Rating **	A/W	Issue No.		41	
LM End	4.83	Issue Type +	Ma	Location *			
Category			GPS Lat	tud	e/Longitude		
Calegory				Start		End	
Item	2017 Stor	m Damage		37.49430	o°	37.494300	0
пеш				-121.07830	°	-121.078300	0
DWR ID	DWR_RD2	091_01_f _ 201	7_41				
		_					

### Comment Code

#### Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:117

Site Designation:LMA-37 Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: Very minor erosion at toe of levee. Depth of erosion is 3" max.



N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	4.83	Rating **	A/W	Issue No.		41 (cont)	
LM End	4.83	Issue Type +	Ma	Location *			
Supplemental				GPS La	tituc	de/Longitude	
Category			Start		End		
Item	2017 Stor	m Damage		37.49430	00°	37.494300°	
item				-121.07830	00°	-121.078300 °	
DWR ID DWR_RD2091_01_f _ 2017_41							
Comment Code							

#### Inspector Comment

Levee Evaluation Comments

Description: Site ID No:117

Site Designation:LMA-37 Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: Very minor erosion at toe of levee. Depth of erosion is 3" max.

LM Start	4.83	Rating **	A/W	Issue No.	41 (cont)
LM End	4.83	Issue Type +	Ma	Location *	



Photo 3 of 3: LEVAL\_SP\_2018\_117\_855.jpg



N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	4.84	Rating **	U	Issue No.		10		
LM End	4.85	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atituc	le/Longitude		
Calegory			Start		End			
Item	Animal Co	ontrol		37.4942	97°	37.494115 °		
пеш	item				33°	-121.078100 °		
DWR ID DWR_RD2091_01_f _ 2016_10								
	Comment Code							
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.								
		Inspecto	or Comm	nent				
Several lar	Several large rodent holes on landward slope.							

	and the same of the same of
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	
Way 1	
	Open core

Photo 1 of 4: SP\_2018\_RD2091\_318\_10\_20180307\_00003.jpg

Looking southeast at landside slope.

#### 4.84 Rating \*\* Issue No. 10 (cont) LM Start Location \* LM End 4.85 Issue Type + Ma LS

Photo 2 of 4: SP\_2018\_RD2091\_318\_10\_20180307\_00004.jpg



Looking south at several rodent holes on landward slope.

LM Start	4.84	Rating **	U	Issue No.	10 (cont)
LM End	4.85	Issue Type +	Ma	Location *	LS





Looking south at close-up view of rodent holes on landward slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

	Rating **	U	Issue No.		10 (cont)	
4.85	Issue Type +	Ma	Location *		LS	
Earthen Levee			GPS Latitude/Longitude			
ategory					End	
Animal Control			37.49429	97 °	37.494115 °	
			-121.0782	33 °	-121.078100 °	
DWR ID DWR_RD2091_01_f _ 2016_10						
	Earthen L	Earthen Levee Animal Control	Earthen Levee Animal Control	Earthen Levee GPS La Start  Animal Control 37.49423  -121.07823	Earthen Levee GPS Latitud Start Animal Control 37.494297° -121.078233°	

#### Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

#### Inspector Comment

Several large rodent holes on landward slope.



Looking west at close-up view of rodent holes on landward slope.

LM Start	5.20	Rating **	A/W	Issue No.		13	
LM End	5.20	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Slope Sta	bility		37.4907	56°	37.490756 °	
item				-121.0734	10°	-121.073410 °	
DWR ID	DWR_RD2091_01_f _ 2016_13						

#### Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

#### Inspector Comment

Vehicle traffic damaging slope on landward slope.

LM Start	5.20	Rating **	A/W	Issue No.	13 (cont)
LM End	5.20	Issue Type +	Ma	Location *	LS

### Photo 1 of 2: SP\_2018\_RD2091\_318\_13\_20180307\_00010.jpg



Looking southeast at the landside slope.

Photo 2 of 2: SP\_2018\_RD2091\_318\_13\_20180307\_00011.jpg



Looking at damage on landside slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	5.66	Rating **	М	Issue No.		28		
LM End	5.66	Issue Type +	Ma	Location *		LS		
Cotogony	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
Item	Trim / Thin Trees			37.4861	01°	37.486101 °		
item						-121.067620 °		
DWR ID DWR_RD2091_01_s _ 2018_28								
		Comn	nent Cod	le				
T1: Trim t	rees to at l	east five feet	above g	round level.				
	Inspector Comment							
1								

No Photos

LM Start	5.81	Rating **	М	Issue No.		29
LM End	5.81	Issue Type +	Ma	Location *		LS
Category	Earthen L	GPS Latitude/Longitude				
Calegory	llegory					End
Item	Vegetation			37.4855	53°	37.485553°
пеш				-121.0652	80°	-121.065280 °
DWR ID	DWR_RD2	091_01_s _ 201	8_29			·

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	5.92 Rating ** M			Issue No.	12			
LM End	5.92	Issue Type +	Ма	Location *	LS			
Category	Earthen Levee				GPS Latitude/Longitude			
Calegory	jory			Start		End		
Item	Trim / Thi	n Trees		37.4859	98 °	37.485998°		
item			-121.0633	23 °	-121.063323 °			
DWR ID DWR_RD2091_01_f _ 2015_12								
Comment Code								

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Looking southeast at untrimmed tree a t landward toe. (Spring 2018)

Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable NS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	6.23	Rating **	М	Issue No.		36	
LM End	6.27	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio		37.4857	'24 °	37.485234°		
пеш				-121.058443 °		-121.058032 °	
DWR ID	DWR_RD2	091_01_f _ 201	7_36			·	
		Comn	nent Cod	le			
V2 : Remove the wild growth other than native grasses from the levee slopes.							
Inspector Comment							



Looking southeast at landside slope.

LM Start	6.87	Rating **	M	Issue No.		37		
LM End	6.94	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	y			Start		End		
Itom	Vegetation			37.48202	1°	37.481994°		
Item 5			-121.05126	0 °	-121.049991 °			
DWR ID	WR ID DWR_RD2091_01_f _ 2017_37					·		
	Comment Code							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

## **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	7.42	Rating **	U	Issue No.		8	
LM End	7.45	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion / Bank Caving			37.4793	08°	37.478998	0
пеш		-121.0447	08°	-121.044660	0		
DWR ID DWR_RD2091_01_s _ 2017_8							
Comment Code							
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			
Repaired area with concrete containing rebar. Need to remove rebar.							

Photo 1 of 3 : SP_2018_RD2091_318_8_20180307_00001.jpg
A CONTRACTOR OF THE STATE OF TH

Looking northeast at concrete rubble with rebar at landward toe next to canal.

LM Start	7.42	Rating **	U	Issue No.	8 (cont)
LM End	7.45	Issue Type +	Ma	Location *	LS

Photo 2 of 3: SP\_2018\_RD2091\_318\_8\_20180307\_00002.jpg



Looking east at concrete rubble with rebar at landward toe next to canal.

LM Start	7.42	Rating **	U	Issue No.	8 (cont)
LM End	7.45	Issue Type +	Ma	Location *	LS



Looking east at repaired site on waterward slope and toe. (Spring 2018)

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	7.45	Rating **	A/W	Issue No.		23	
LM End	7.45	Issue Type +	Ма	Location *			
Category	Supplemental			GPS Latitude/Longitude			
Category			Start		End		
Item	2017 Storm Damage			37.4790	00°	37.479000°	
пеш				-121.0440	00°	-121.040000 °	
DWR ID	DWR_RD2091_01_f _ 2017_23						
Comment Code							

#### Inspector Comment

Levee Evaluation Comments

Description: Sloughing at Mile 7.59 of the San Joaquin River

Site ID No:473

Site Designation:LMA-300 Repair Type: Erosion Rating:Area of Concern Field Date:7/20/2017

Notes: Concrete rubble was installed here during the storms after noticing cracks and sloughing. It has rebar sticking out and needs to be replaced with clean rip rap. Responibility is grey here because TID maintains channel and placed concrete during storm.

LM Start	7.45	Rating **	A/W	Issue No.	23 (cont)
LM End	7.45	Issue Type +	Ma	Location *	



Photo 2 of 3: LEVAL\_SP\_2018\_473\_2330.jpg



N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.46	05/01/2018 05/01/2018	Richard Willoughby

LM Start	7.45	Rating **	A/W	Issue No.		23 (cont)	
LM End	7.45	Issue Type +	Ma	Location *			
Category	Supplemental			GPS Latitude/Longitude			
Category				Start		End	
Item	2017 Storm Damage			37.4790	00°	37.479000°	
пеш		· ·		-121.04400	00°	-121.040000 °	
DWR ID	DWR_RD2091_01_f _ 2017_23						
Comment Code							

#### Inspector Comment

Levee Evaluation Comments

Description: Sloughing at Mile 7.59 of the San Joaquin River

Site ID No:473

Site Designation:LMA-300 Repair Type: Erosion Rating:Area of Concern Field Date:7/20/2017

Notes: Concrete rubble was installed here during the storms after noticing cracks and sloughing. It has rebar sticking out and needs to be replaced with clean rip rap. Responibility is grey here because TID maintains channel and placed concrete during storm.



### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### **Reclamation District No. 2091 Chase**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.05	05/01/2018 05/01/2018	Richard Willoughby

LM Start	Rating **		Issue No.				
LM End	Issue Type +		Location *				
Category			GPS La	atitud	e/Longitude		
Calegory			Start End				
Item				0		0	
пеш				0		0	
DWR ID							
	Comn	nent Cod	le				
	Inspecto	or Comm	nent				
No issues	were reported.						

No Photos